

## AMENDMENTS TO THE SPECIFICATION

Please delete the paragraph at lines 3-13, on page 4, and replace it as follows:

Suppose that the hospital 120 procures eye laser equipment 122. Only authorized users, which is associated with permission 116, with the appropriate training may access and use the eye laser equipment 122 (which has a computer system to which a user must log on to operate the eye laser equipment 122). One such user is the user 102 (Dr. Murphy, the surgeon). However, the role-based access model prohibits permitting of a specific user to have access to a specific piece of content (so as to avoid permission explosion). Instead of trying to understand existing roles in the system 100, a system administrator of the hospital 120 fabricates a new role of "Dr. Murphy, the surgeon" (role 110) so as to allow only the user 102 (Dr. Murphy, the surgeon) to use the eye laser equipment. The problem, however, is that role 110 is not a role at all. If there were a thousand doctors, each doctor would require his own role, thereby creating permission explosion again.

Please delete the paragraph at lines 4-20, on page 19, and replace it as follows:

The portion of the licensing security space 332 is presented in a table in which information is contained at row-column intersections. The table form facilitates discussion but information of the portion of the licensing security space 332 need not be in table form and can be in other suitable forms. One such suitable form includes a hierarchical graph, such as a directed acyclic graph. Row 332RA contains four cells, which have category designations for each dimension defining the portion of the licensing security space 332. For example, cell 332RA, 332CA defines a "sales location" dimension; cell 332RA, 332CB defines a "licensing program" dimension; cell 332RA, 332CC defines a "customer type" dimension; and cell 332RA, 332CD defines an "agreement type" dimension. Cells in column 332CA (and rows

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332RB-332RE) contain members of the "sales location" dimension, such as United States, China, Germany, and Russia; cells in column 332CB (and rows 332RB-332RE) define members of the "licensing program" dimension, such as selection 4, selection 5, open, and school. Cells in 332CC (and rows 332RB-332RE) define members of the "customer type" dimension, such as direct, OEM, VAR, and ISV; and cells in column 332CD (and rows 332RB-332RE) define members of the "agreement type" dimension, such as corporation, academic, and government. The portion of the licensing security space 332 can be used in conjunction with the security language 330 to define access scopes for users 318A-318C and the piece of content 326 to limit unauthorized access.

Please delete the paragraph at lines 18-26, on page 30, and replace it as follows:

From terminal E5 (FIGURE 4J), the method 400 proceeds to decision block 490 where a test is made to determine whether each evaluated binary phrase is greater than 0. If the answer is NO, the method 400 proceeds to another continuation terminal ("terminal E6"). If the answer to the test at decision block 490 is YES, access to the piece of content, such as the piece of content 326, is granted to the user associated with the accessor. See block 492. Another test is made at decision block 494 to determine whether there are more access requests. If the answer is YES, another continuation terminal ("Terminal E1") is entered by the process 400 which loops back to decision block 472 where the above-identified processing steps are repeated. Otherwise, the answer is NO, and the exit terminal F is entered by the method 400.